

Program EVALPLOT
(Version 2018-1)

by

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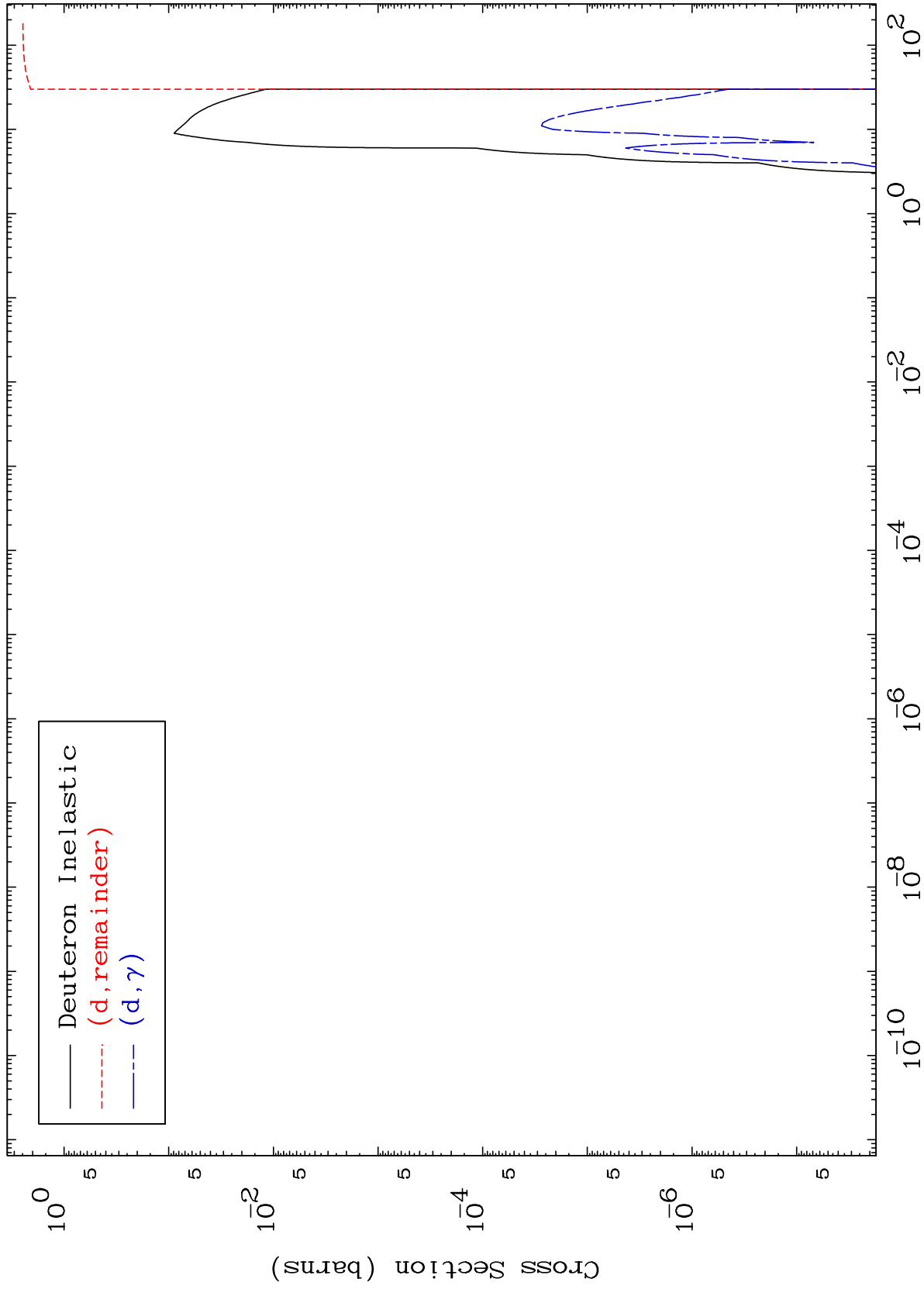
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6389

Deuteron Major
0 Kelvin Cross Sections

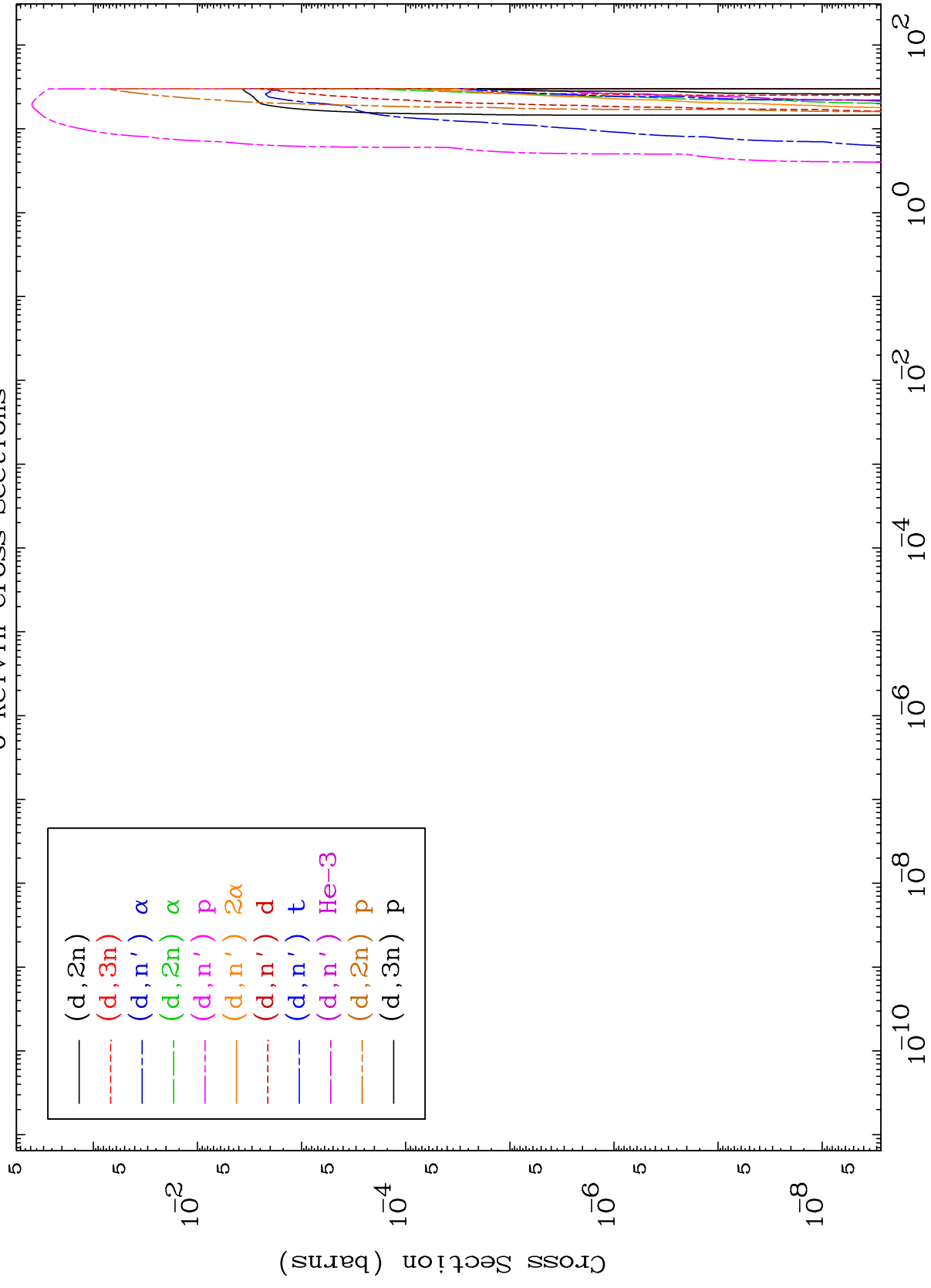
64-Gd-140



MAT 6389

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-140



2

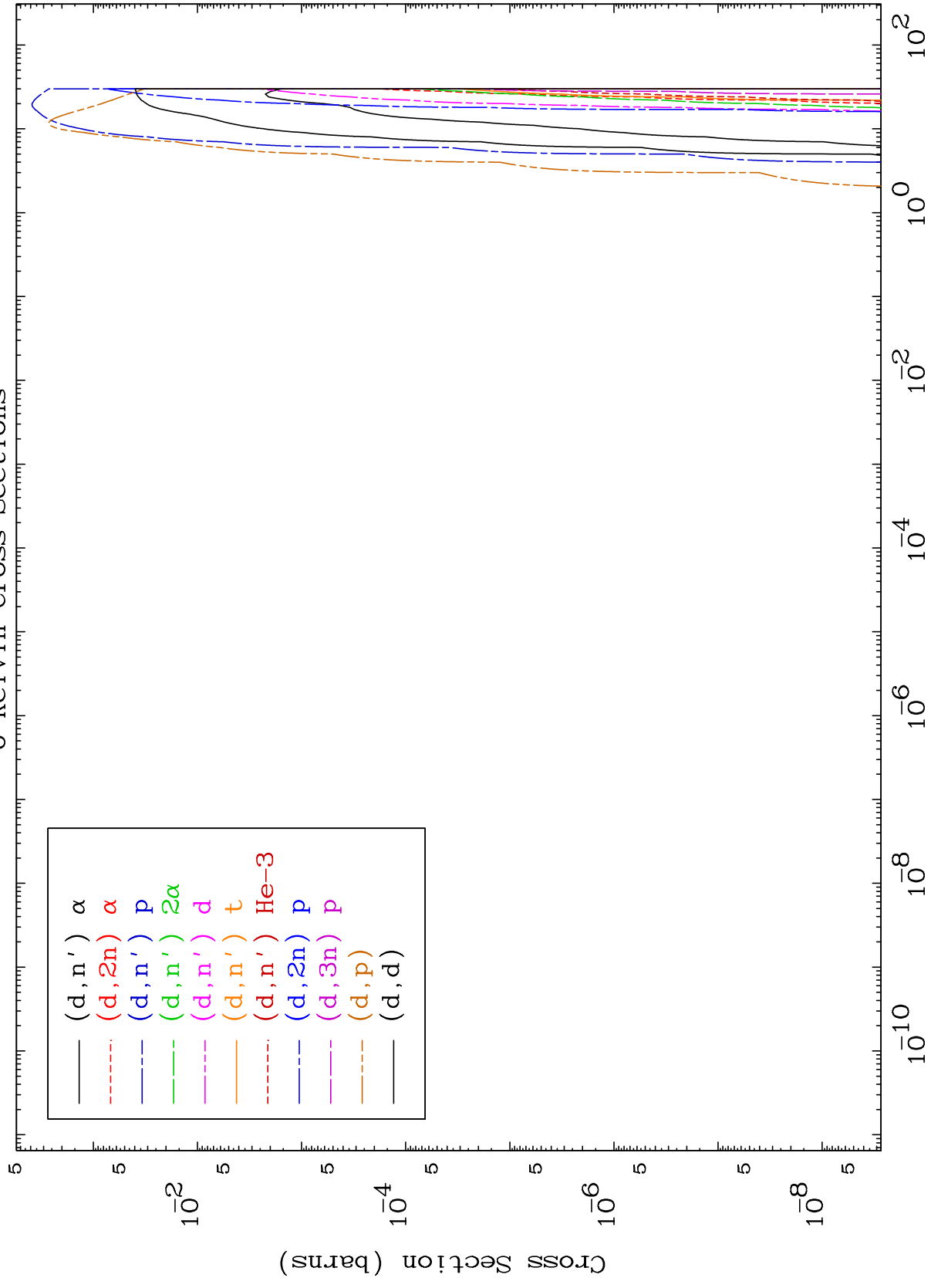
Incident Energy (MeV)

64-Gd-140

MAT 6389

Deuteron Charged Particle
0 Kelvin Cross Sections

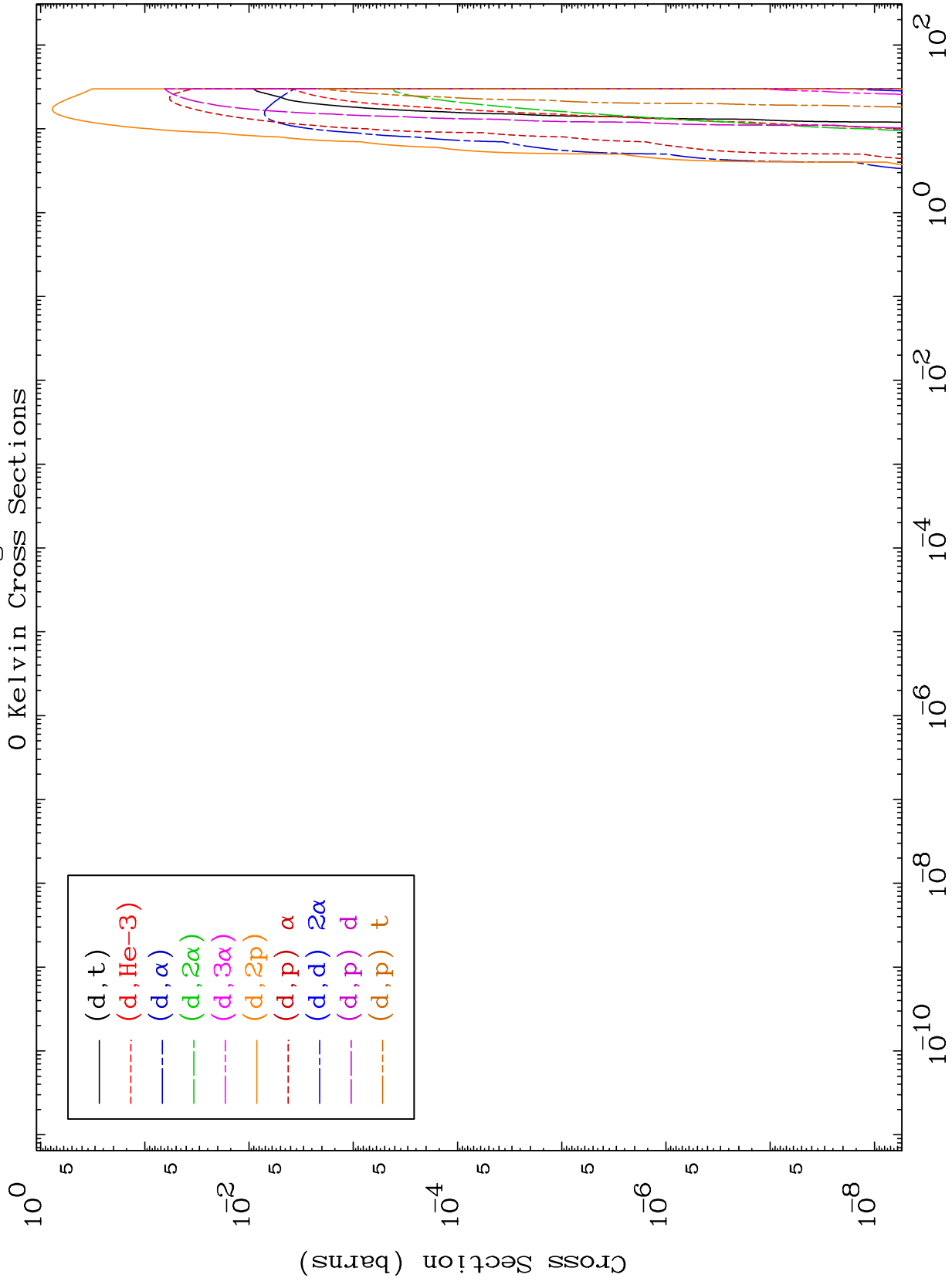
64-Gd-140



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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-140

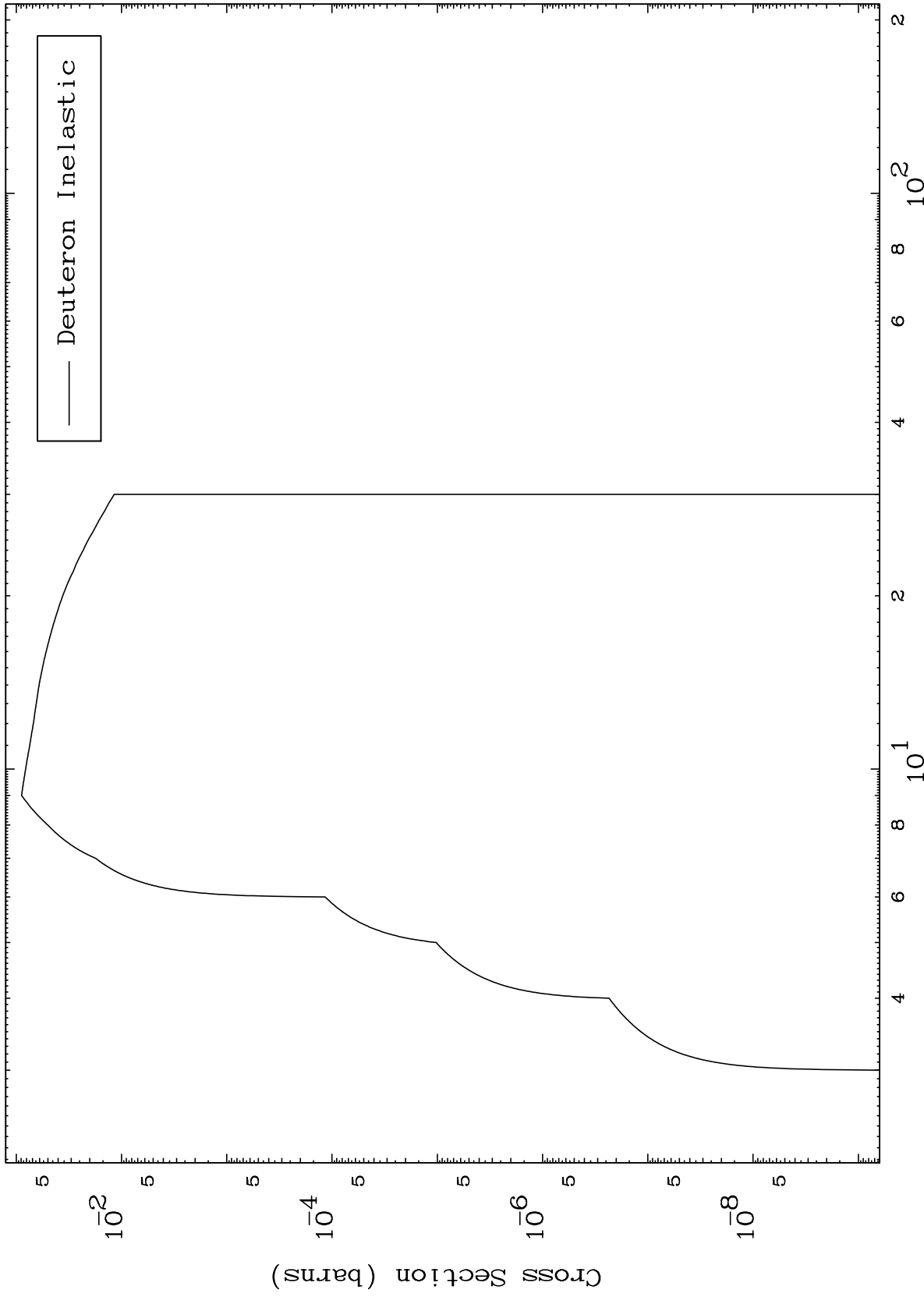


64-Gd-140

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(d,n') Level
0 Kelvin Cross Sections

64-Gd-140



— Deuteron Inelastic

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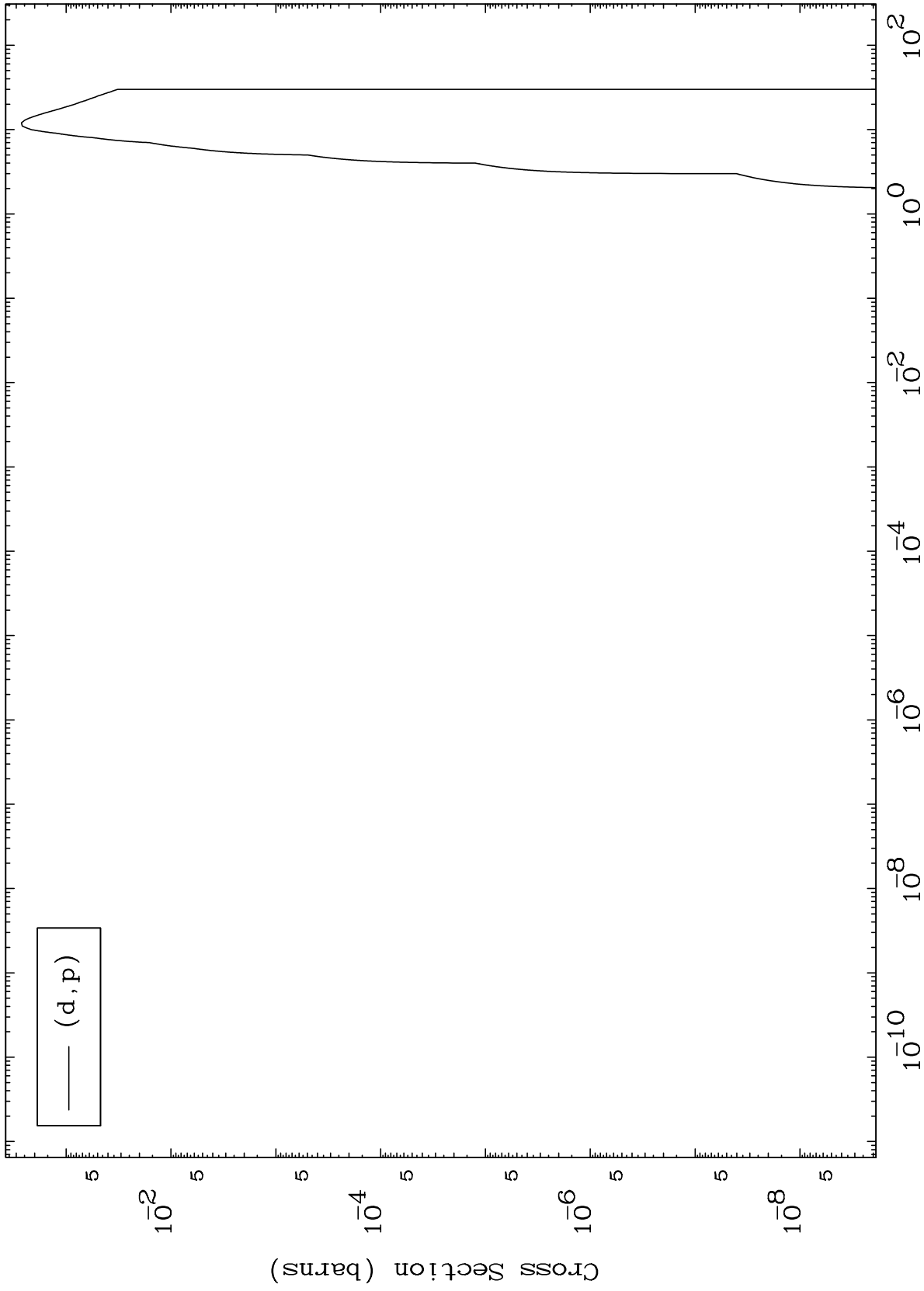
Incident Energy (MeV)

64-Gd-140

MAT 6389

(d,p) Levels
0 Kelvin Cross Sections

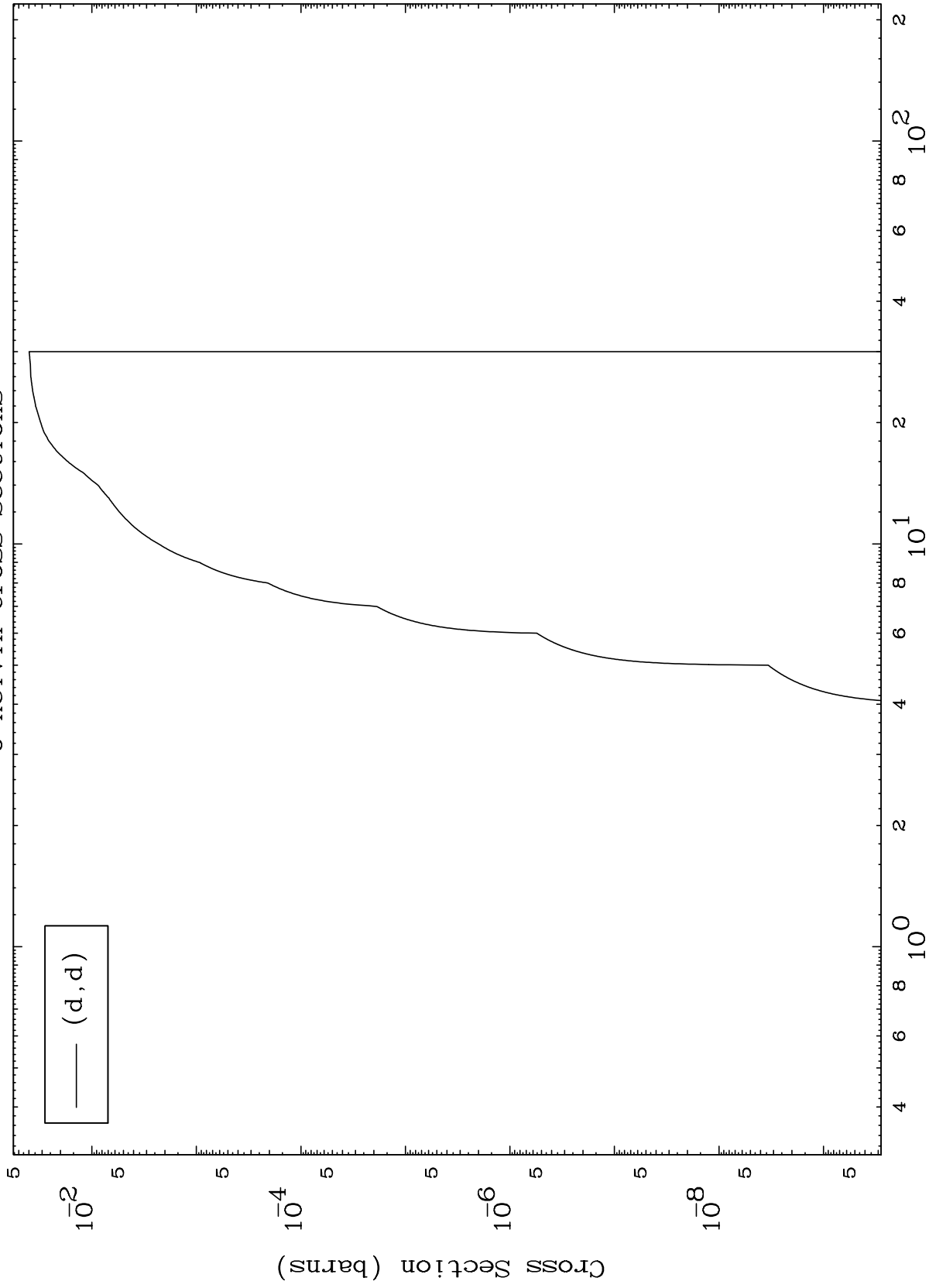
64-Gd-140



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(d,d) Levels
0 Kelvin Cross Sections

64-Gd-140



7

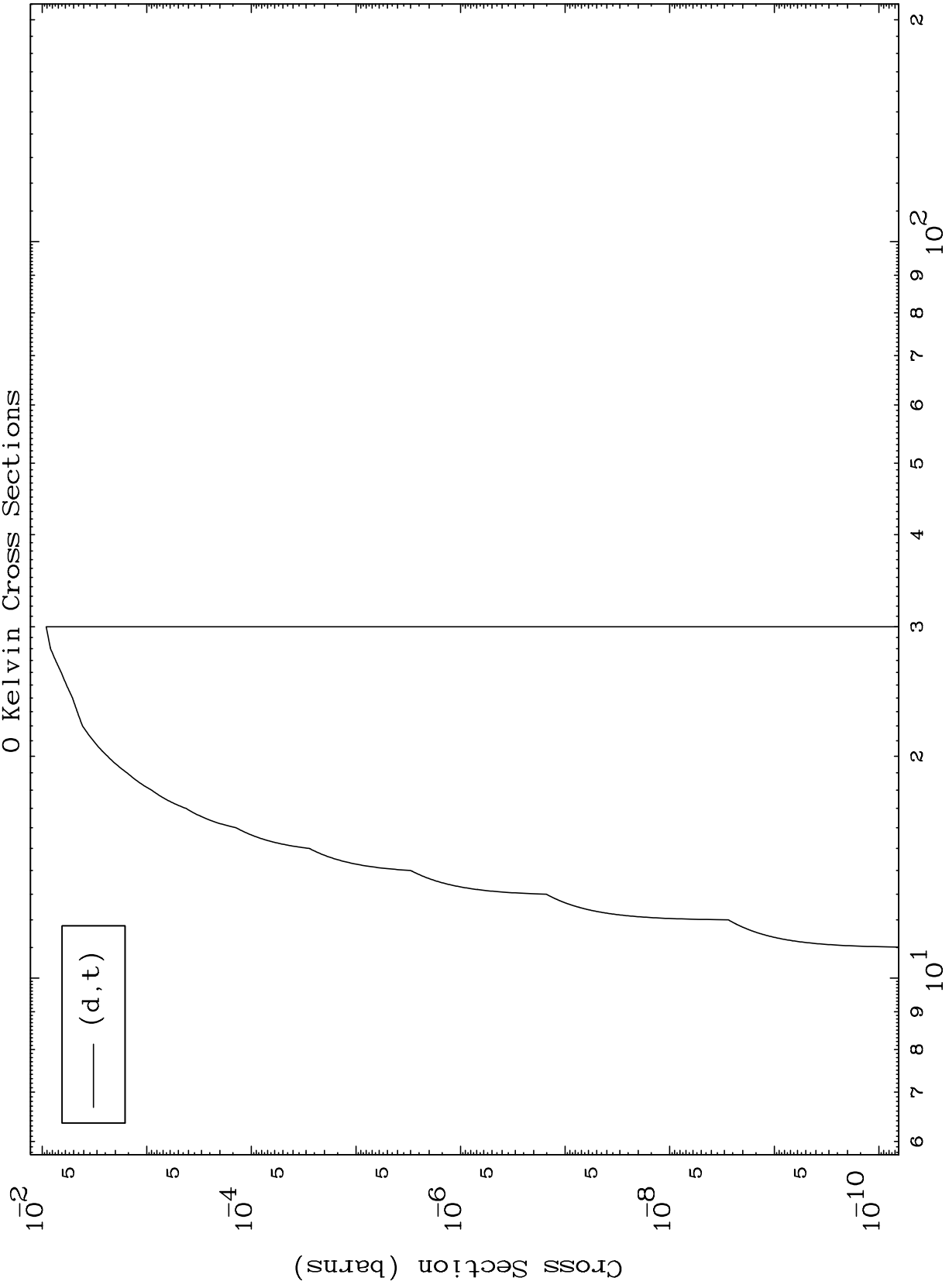
Incident Energy (MeV)

64-Gd-140

MAT 6389

(d,t) Levels
0 Kelvin Cross Sections

64-Gd-140



8

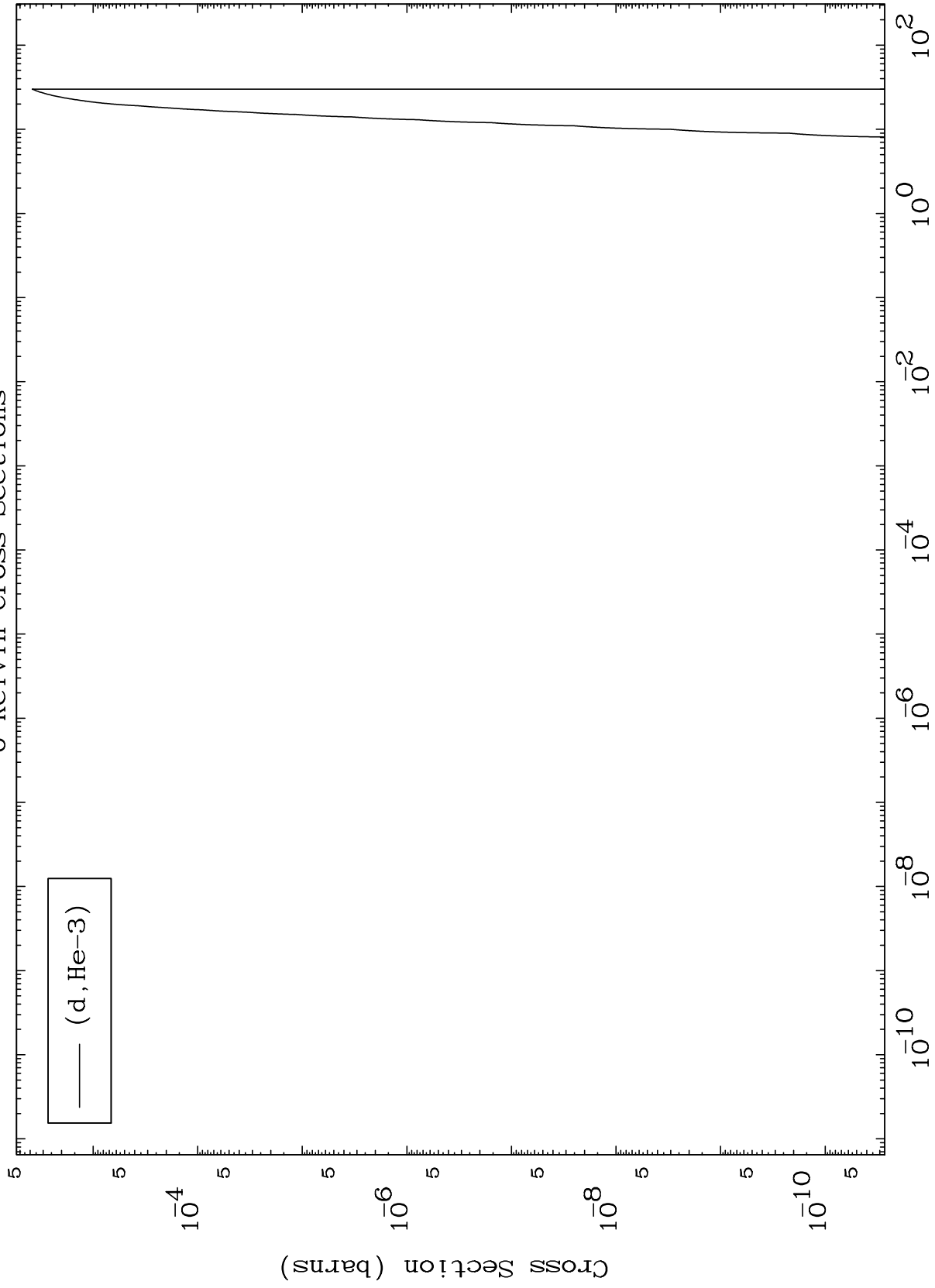
Incident Energy (MeV)

64-Gd-140

MAT 6389

(d,He3) Levels
0 Kelvin Cross Sections

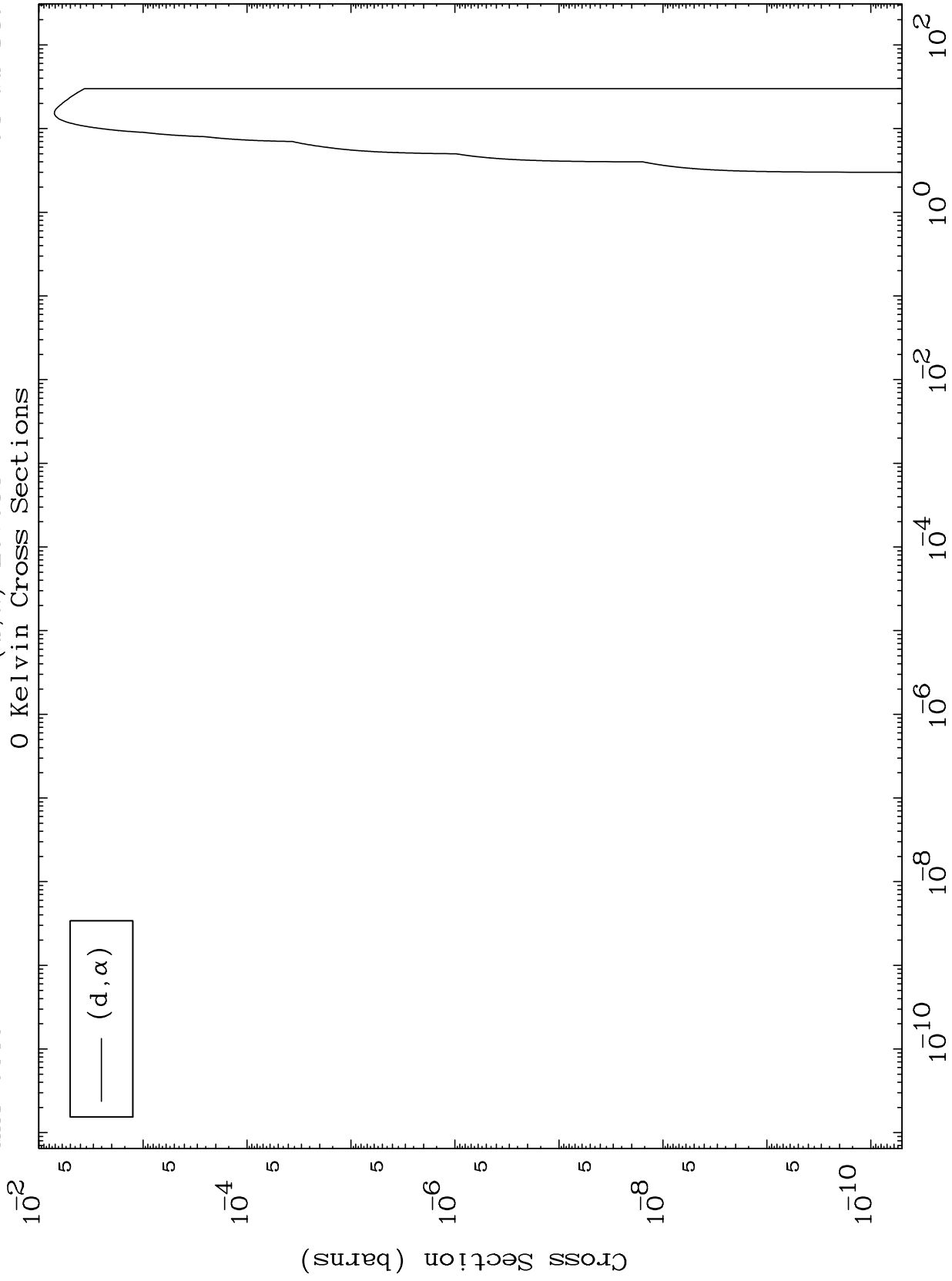
64-Gd-140



MAT 6389

(d,α) Levels
0 Kelvin Cross Sections

64-Gd-140

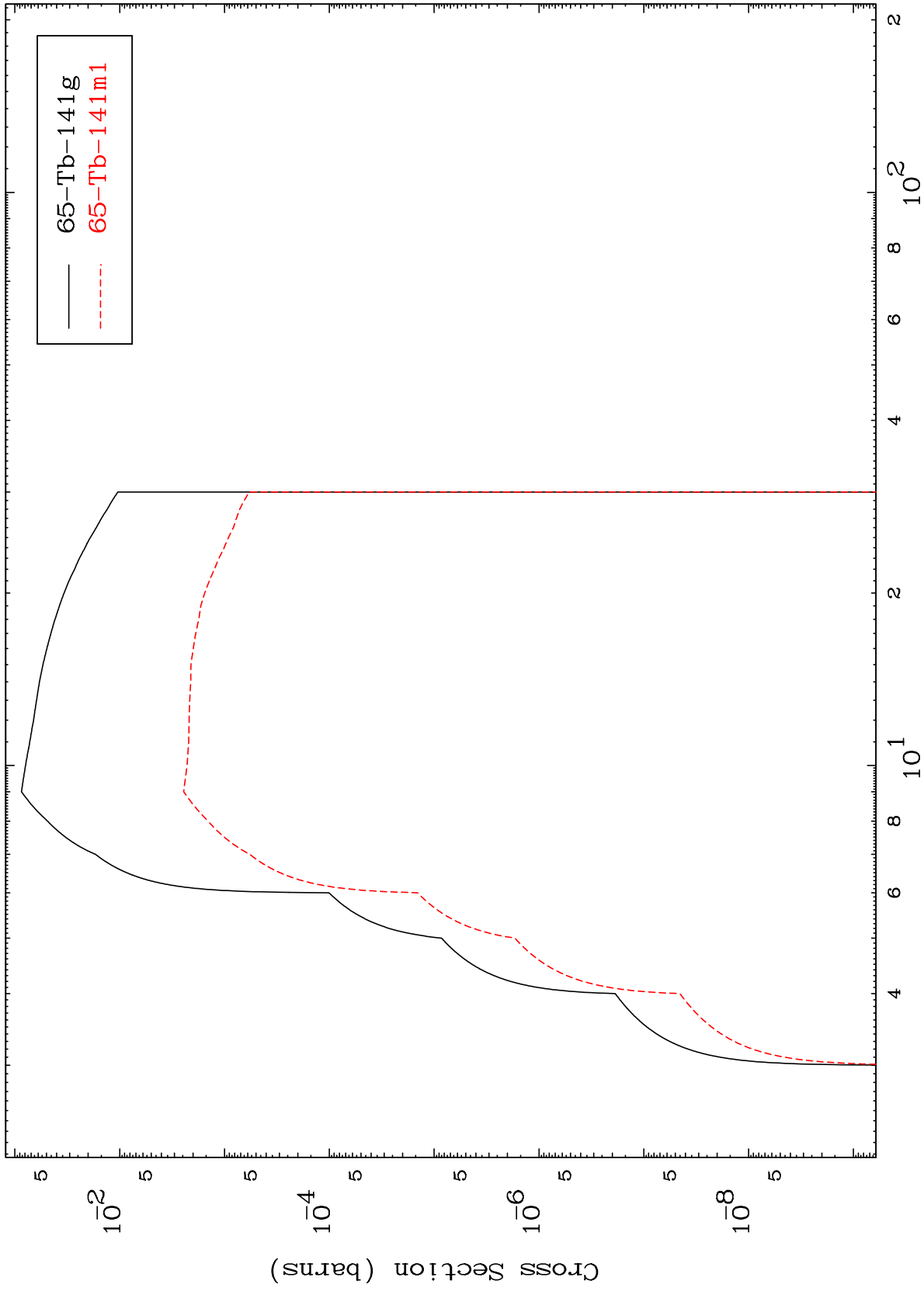


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Incident Energy (MeV)

64-Gd-140

Deuteron Inelastic
Radionuclide Production Cross Section

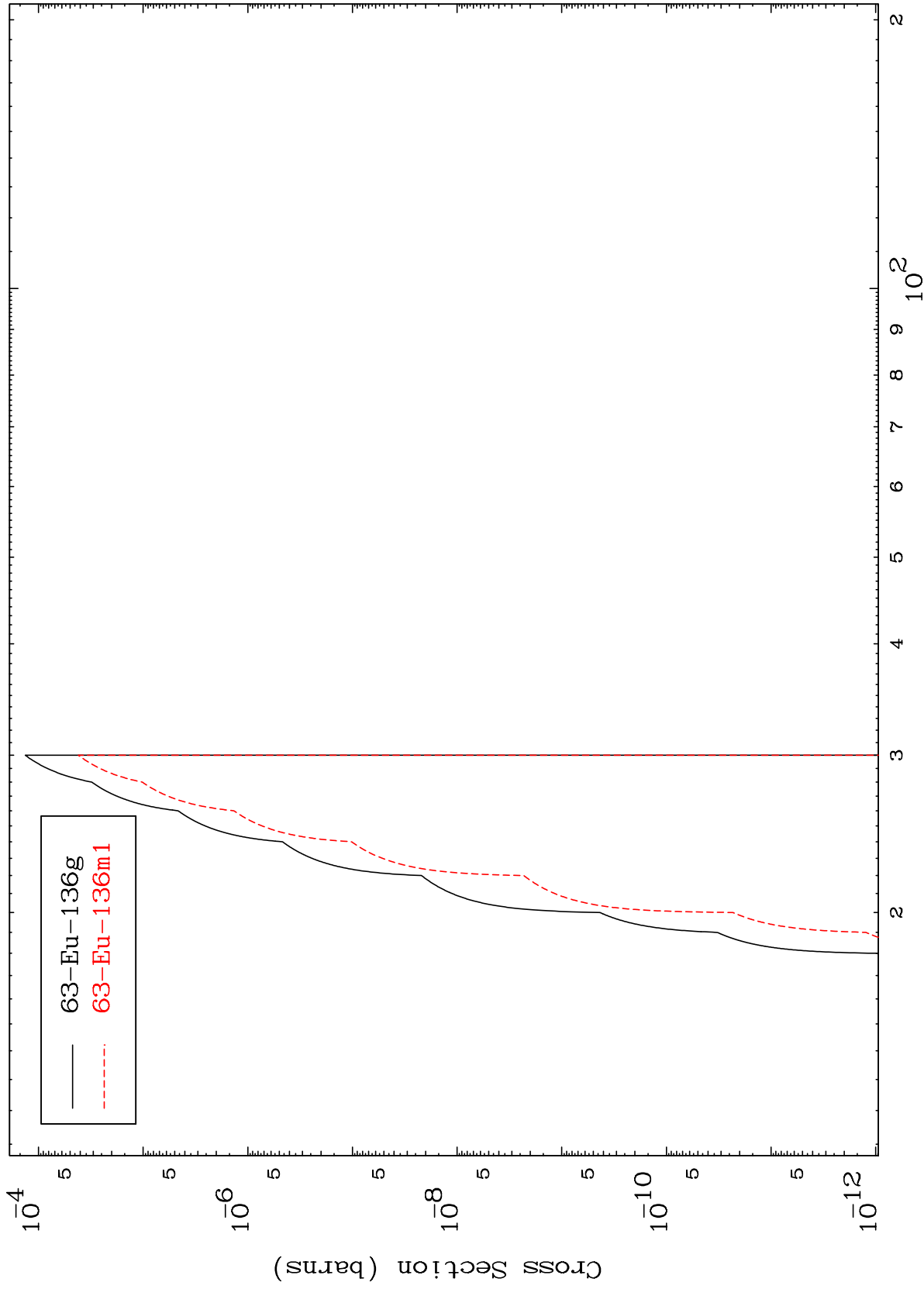


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(d,2n) α

64-Gd-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

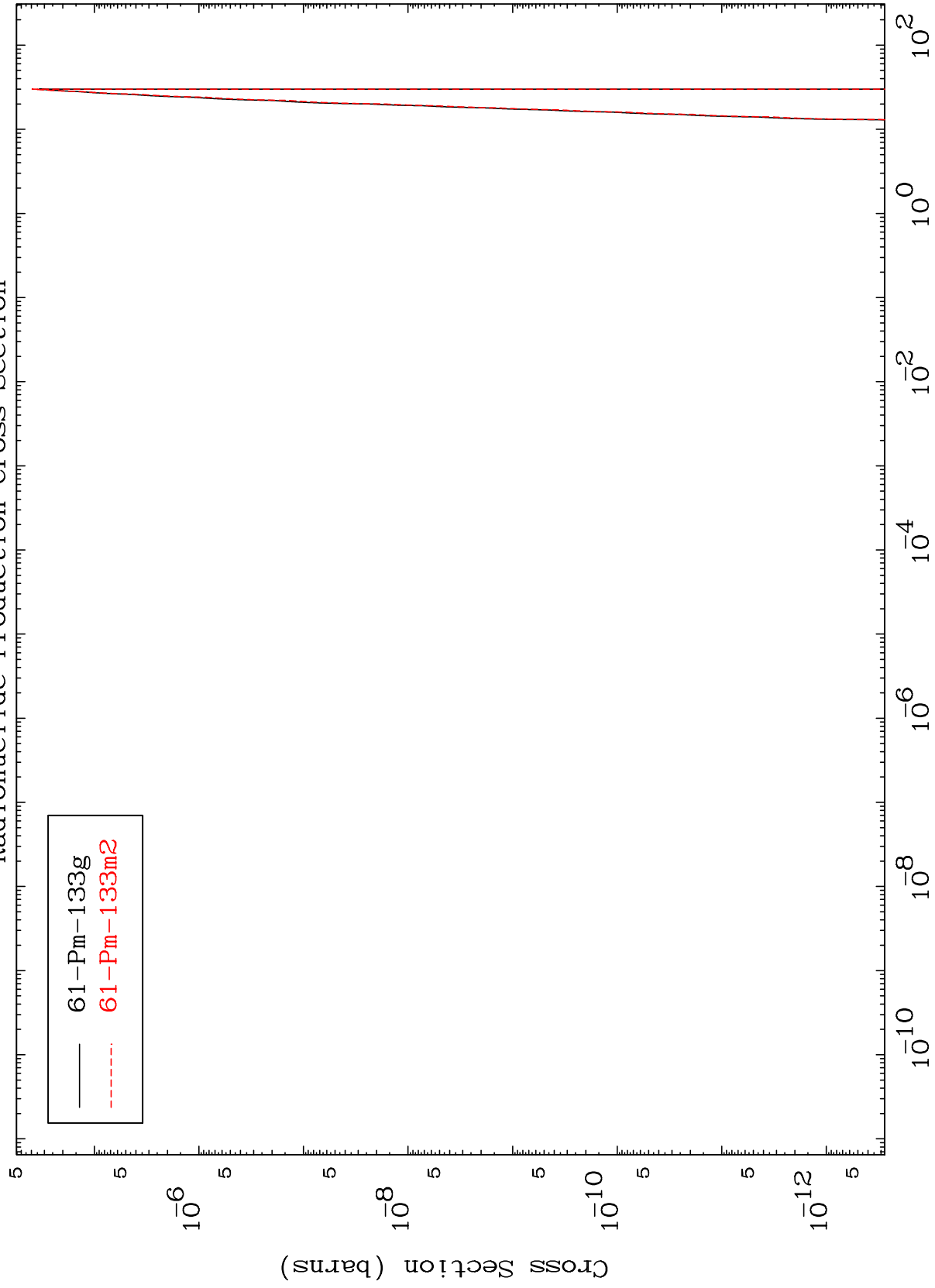
64-Gd-140

MAT 6389

(d,n') 2 α

64-Gd-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

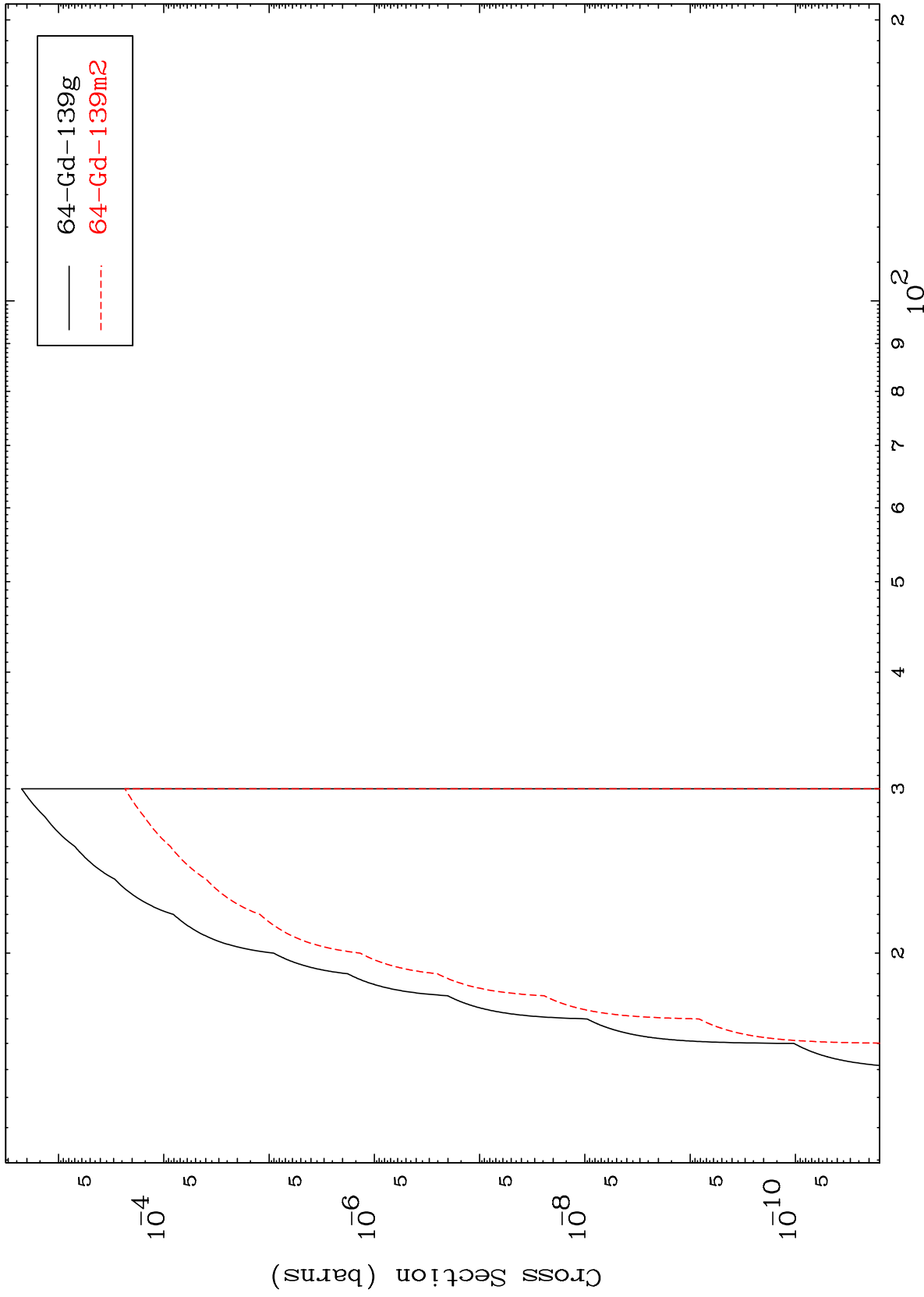
64-Gd-140

MAT 6389

(d,n') d

64-Gd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

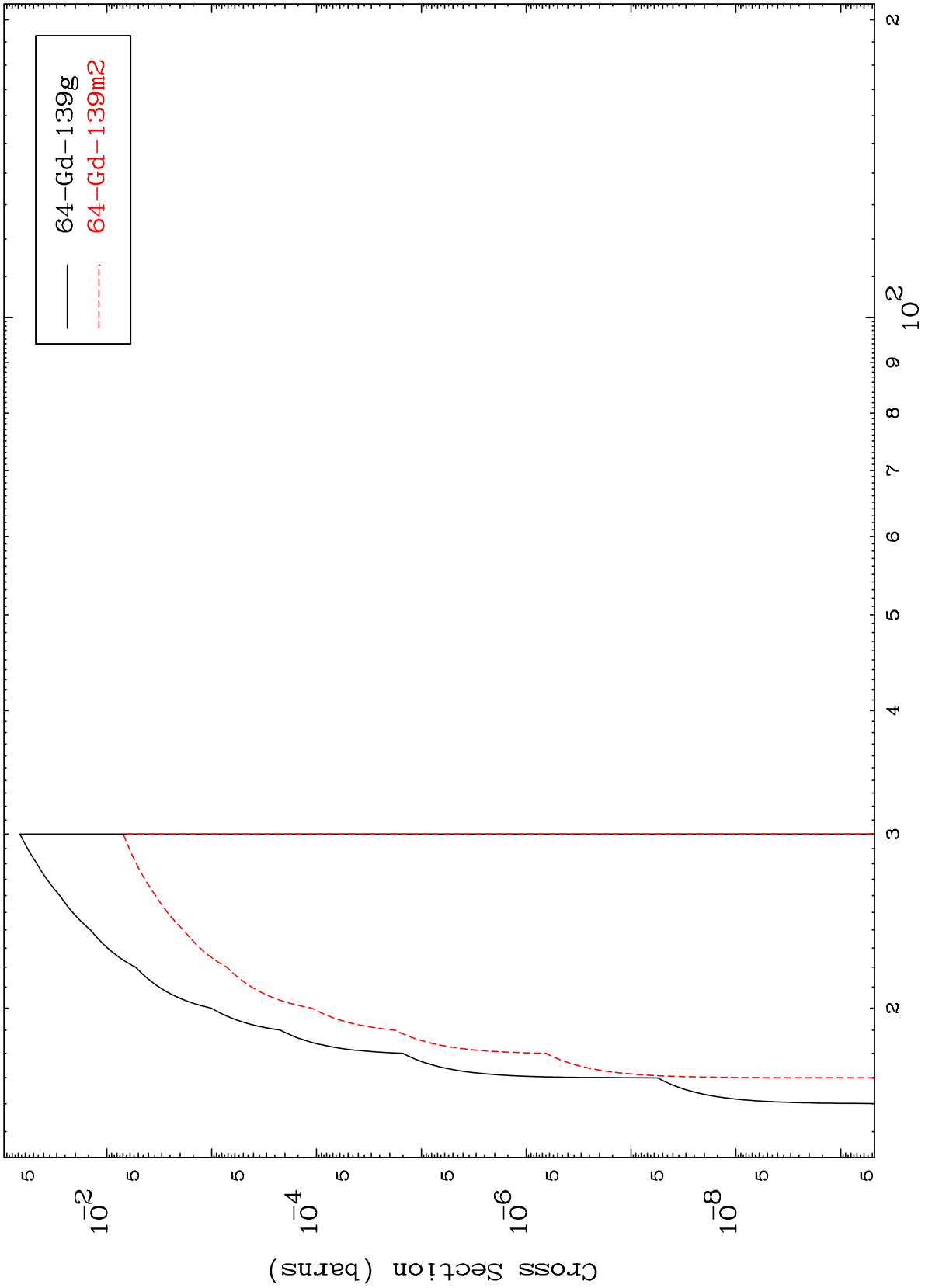
64-Gd-140

MAT 6389

(d,2n) p

64-Gd-140

Radionuclide Production Cross Section



15

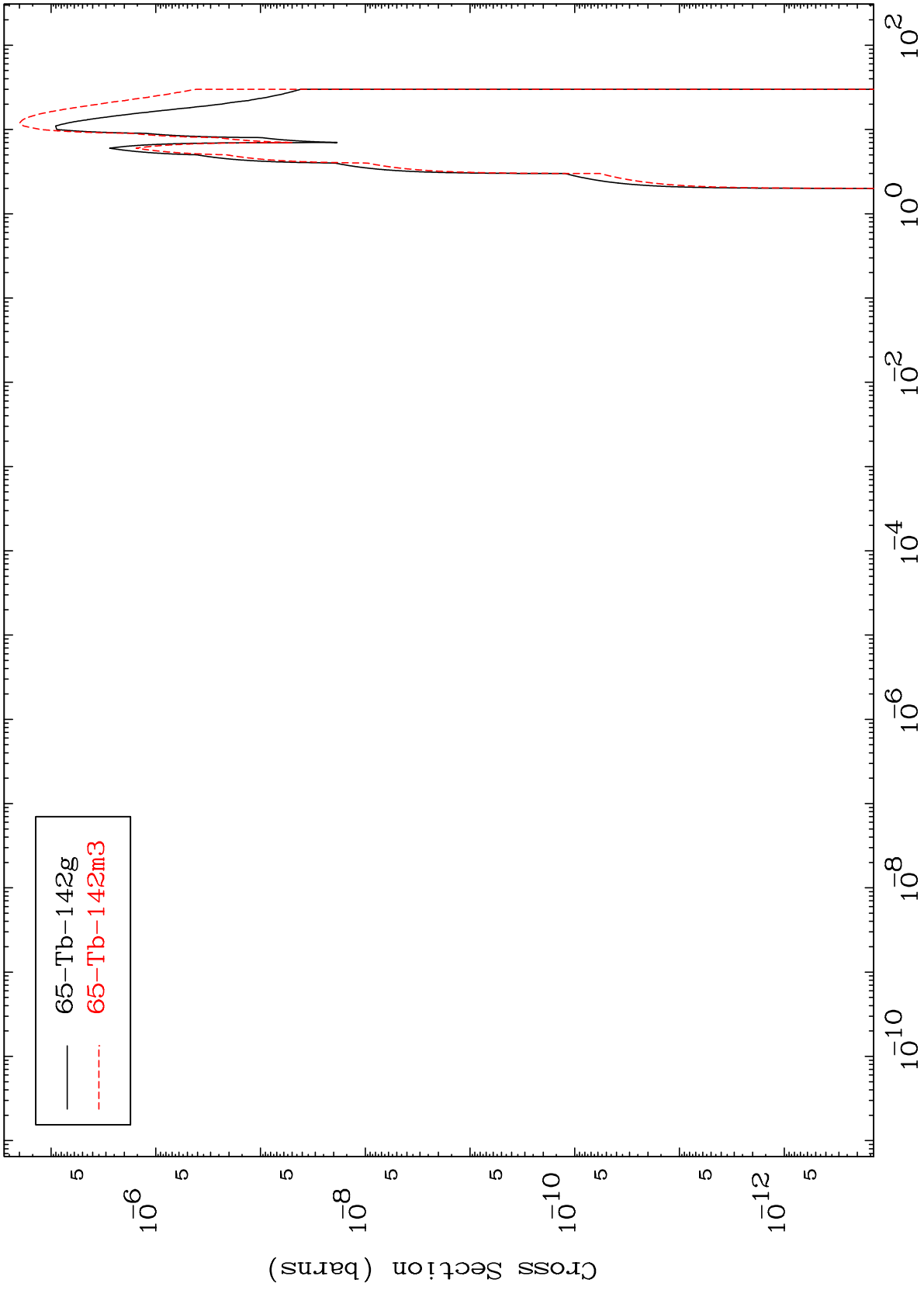
Incident Energy (MeV)

64-Gd-140

MAT 6389

(d, γ)
Radionuclide Production Cross Section

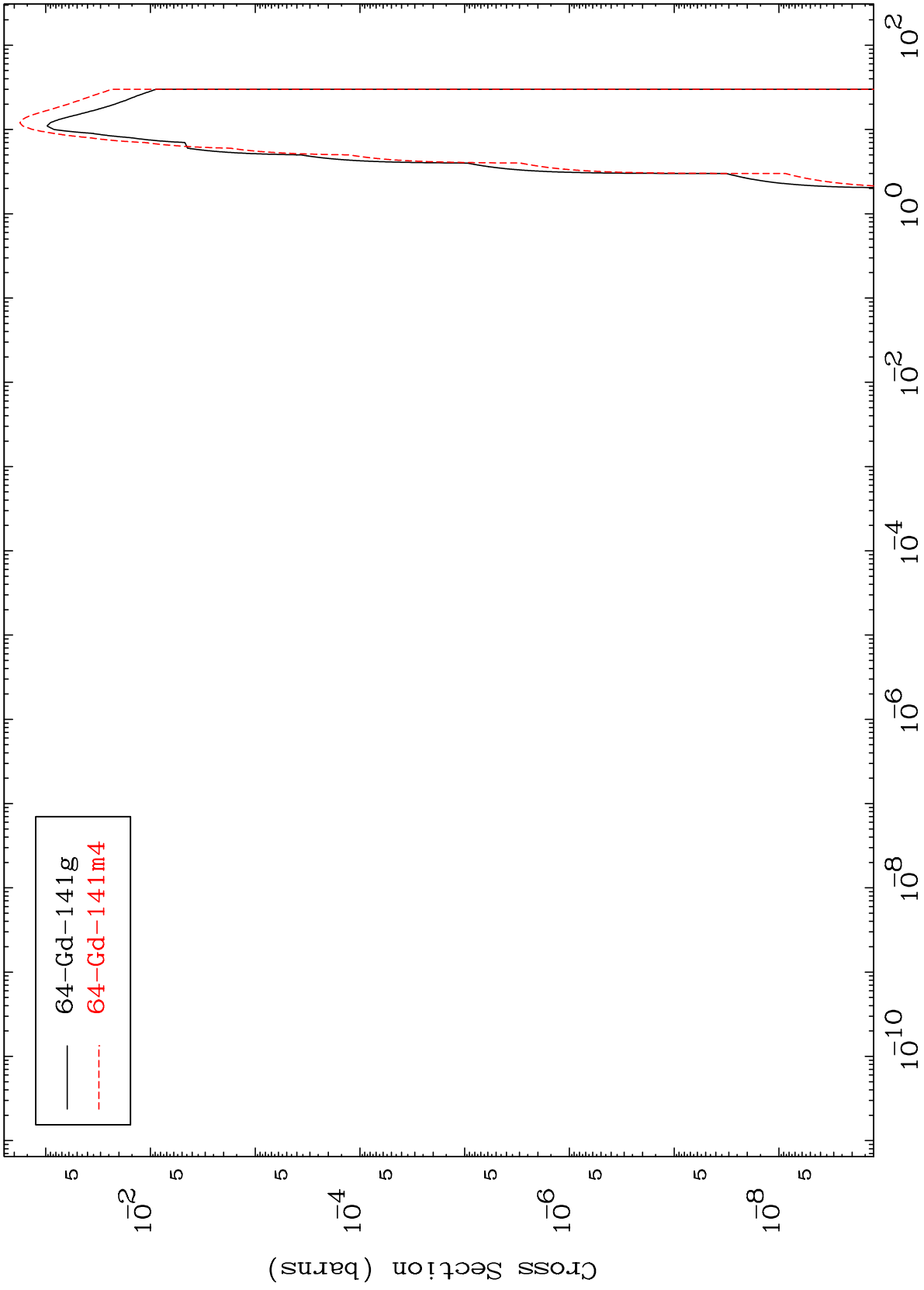
64-Gd-140



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(d,p)
Radionuclide Production Cross Section

⁶⁴Gd-140

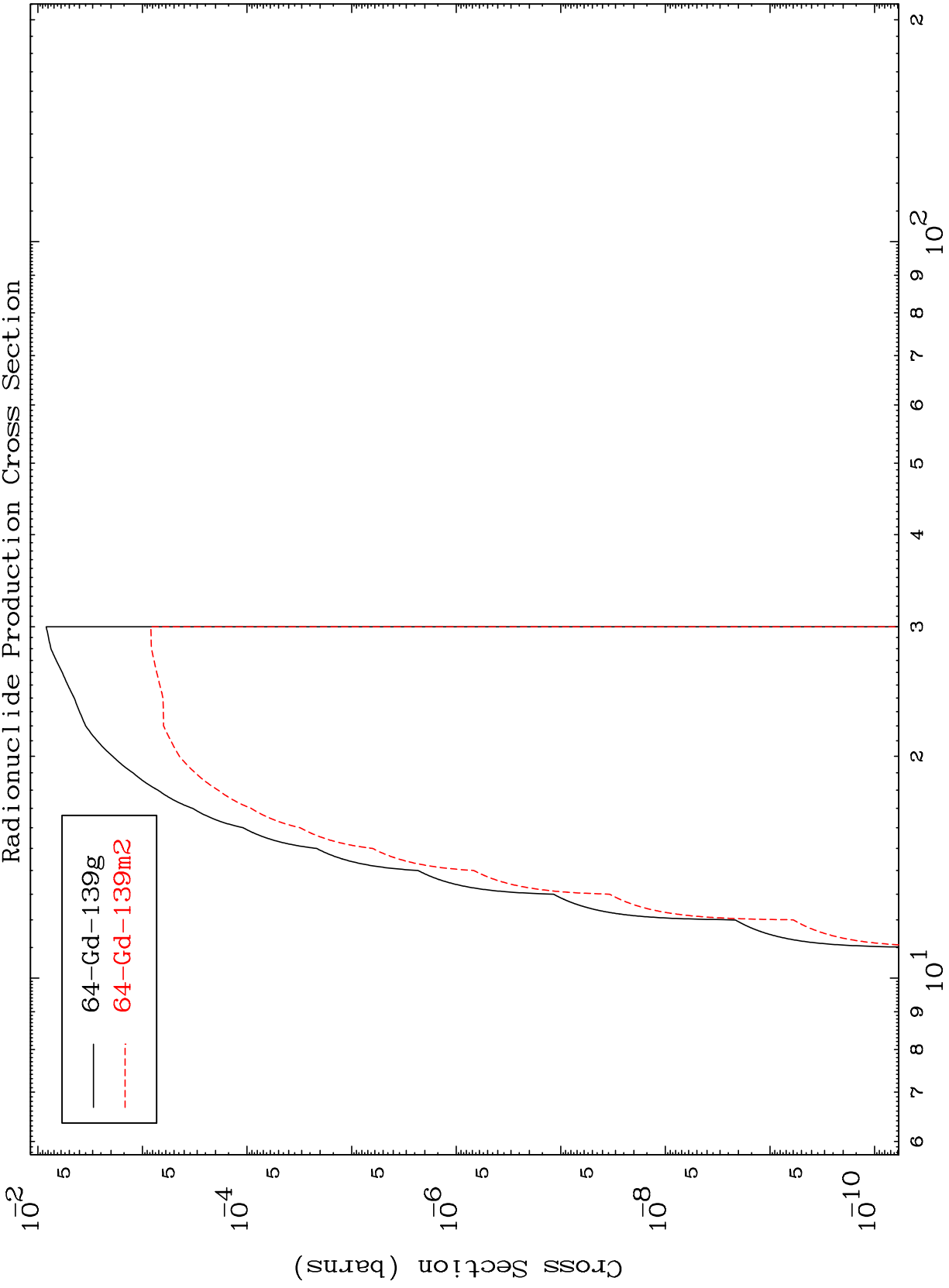


⁶⁴Gd-140

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Radionuclide Production Cross Section
(d, t)

64-Gd-140



18

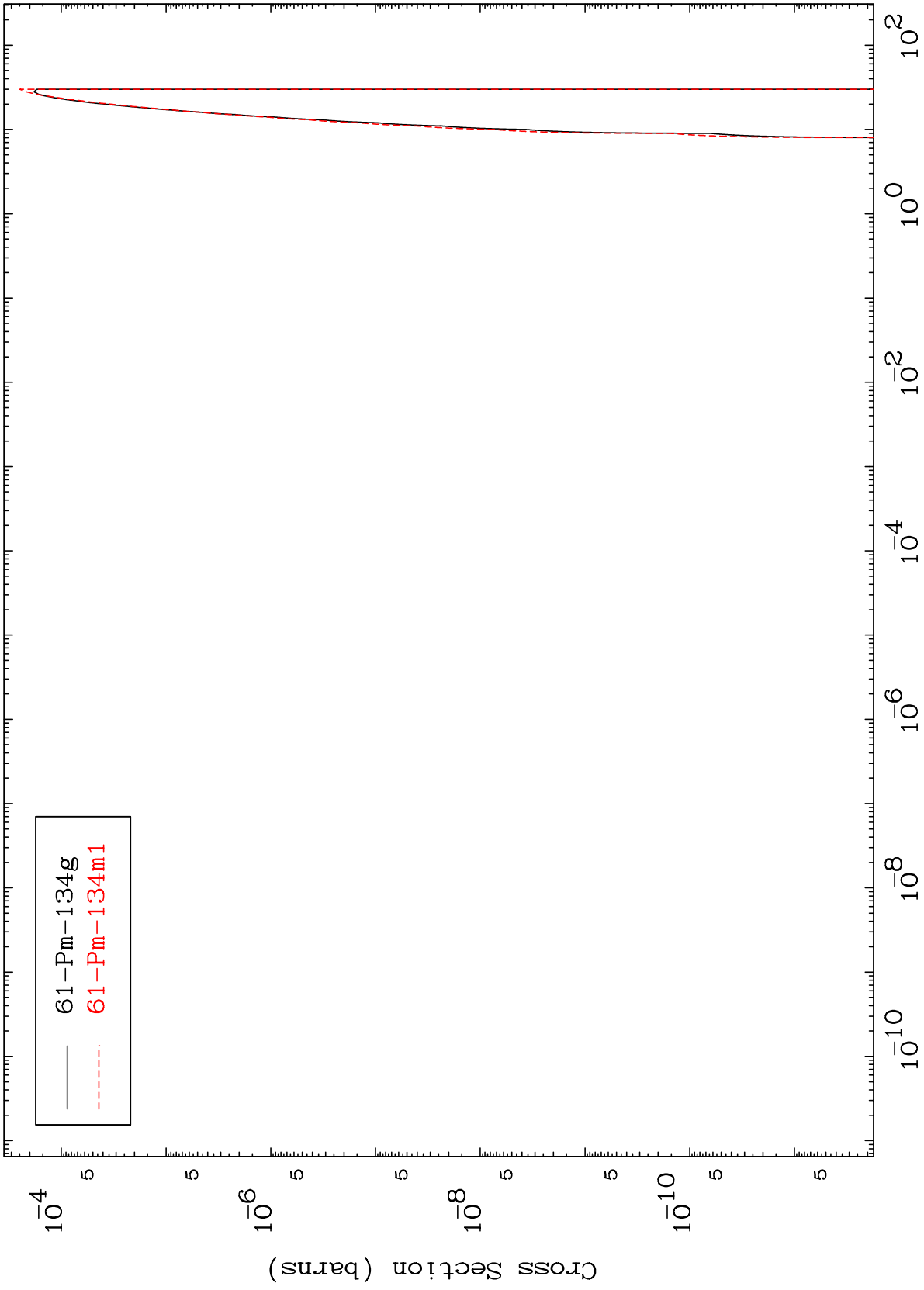
Incident Energy (MeV)

64-Gd-140

MAT 6389

Radionuclide Production Cross Section
(d,2α)

64-Gd-140



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Incident Energy (MeV)

64-Gd-140